SEQUENCE LISTING

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5
    (1) GENERAL INFORMATION:
          (i) APPLICANT: Lipes, Myra A.
         (ii) TITLE OF INVENTION: NOVEL INSULIN-SECRETING NON-ISLET CELLS
10
                                 AND USES Thereof
        (iii) NUMBER OF SEQUENCES: 2
         (iv) CORRESPONDENCE ADDRESS:
15
               (A) ADDRESSEE: LAHIVE & COCKFIELD
               (B) STREET: 28 State Street
               (C) CITY: Boston
               (D) STATE: Massachusetts
               (E) COUNTRY: USA
20
               (F) ZIP: 02109-1775
          (v) COMPUTER READABLE FORM:
               (A) MEDIUM TYPE: Floppy disk
               (B) COMPUTER: IBM PC compatible
25
               (C) OPERATING SYSTEM: PC-DOS/MS-DOS
               (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
         (vi) CURRENT APPLICATION DATA:
               (A) APPLICATION NUMBER:
30
               (B) FILING DATE:
        (vii) PRIOR APPLICATION DATA:
                (A) APPLICATION NUMBER:
                (B) FILING DATE:
35
       (viii) ATTORNEY/AGENT INFORMATION:
                (A) NAME: Louis Myers
                (B) REGISTRATION NUMBER: 35,965
                (C) REFERENCE/DOCKET NUMBER: JDP-029
40
         (ix) TELECOMMUNICATION INFORMATION:
                (A) TELEPHONE: (617)227-7400
                (B) TELEFAX: (617)742-4214
45
     (2) INFORMATION FOR SEQ ID NO:1:
          (i) SEQUENCE CHARACTERISTICS:
                (A) LENGTH: 31 base pairs
50
                (B) TYPE: nucleic acid
                (C) STRANDEDNESS: single
                (D) TOPOLOGY: linear
```

(ii) MOLECULE TYPE: cDNA

GCTGAAGCTT TTTGATTGTA GCGGATCACT TAG

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| 5 | (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1: | |
|----|---|----|
| | CAATCAAAAG CTTCAGCAAG CAGGAAGGTA C | 31 |
| 10 | (2) INFORMATION FOR SEQ ID NO:2: | |
| | (i) SEQUENCE CHARACTERISTICS:(A) LENGTH: 33 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single | |
| 15 | (D) TOPOLOGY: linear | |
| | (ii) MOLECULE TYPE: cDNA | |
| 20 | | |
| | (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2: | |

33

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Atty Dkt: JDP-029CP

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Other embodiments are within the following claims, which along with equivalents of the claimed subject matter, define the invention.

5 What is claimed is: